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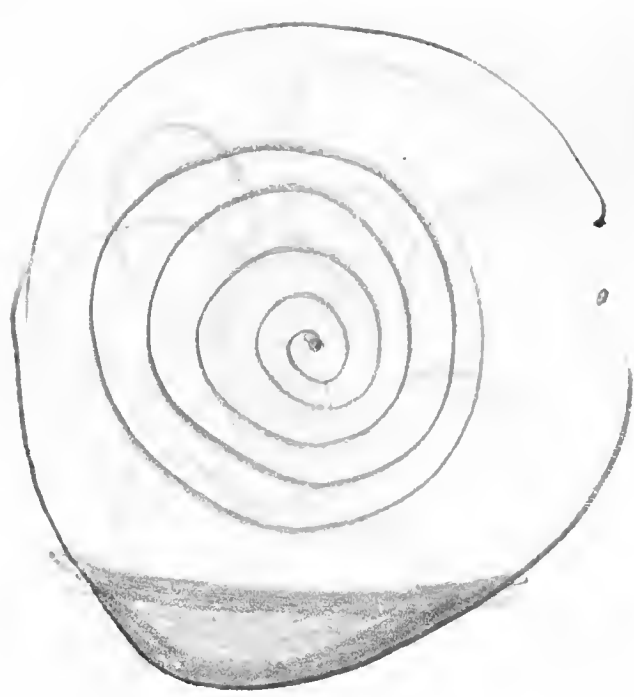
Bacon Scholarship

1927

Stations 70-127

Waldo L. Schmitt

Book #4 From June 1927 to May 18.



Heavy rain in Port
Howard Falklands
March 4, 1927 kept
me from getting wireless
man to do some checks
in motor boat for + with me.

$$\begin{array}{r} 40/120,000 \\ 36000 \\ \hline 12 \overline{) 15,000} \\ 12000 \\ \hline 3000 \\ 2400 \\ \hline 600 \end{array}$$

70 **TEMPERATURE RECORD.**
Sunday afternoon low tide
 Instrument used, *Collected by* 3-4 p.m.
 Current number of observation, *H. J. Sanders*
 Date, *Oct. 1*
 Locality, *left of River*
 Bearings, *East of town on*
tide flats, low tide
 Time of day, *Punta Arenas, Chile*
 State of sky,

71 *Punta Arenas, Chile*
 Temperature of air, *Jan. 31, 4-5 p.m.*
 " surface of water,
 " at depth of *10 fathoms*
between
river of bottom, low tide
 Depth, in fathoms,
 Nature of bottom,
 Direction of surface current,

72 *On beach at*
 Force of surface current,
 Direction of bottom current,
 Force of bottom current,
 Name of vessel, *fishing camp to west*
 To what service attached, *brought up*
 Name and rank of commanding officer, *in fishermen's net &*
dumped on beach
 Name and position of observer, *middle right tide flat*
at 4-5 p.m.
Oct. 1, 1927. Punta Arenas
Chile

REMARKS.

#72 Shells from
net hauls, tide flats
west of town Punta
Arenas Chile
~~Jan~~ Feb. 1 - 1927
5 p.m.

#73 Shrim under
rocks tide flats
west of town, Punta
Arenas. Chile Feb. 2
1927 ~~at low tide 3 p.m.~~
taken in ~~forenoon~~ morning
7-9 a.m. tide high

#74 Over rayne yard
west of town low tide
3 1/2 - 5 p.m.
Punta Arenas. Feb. 2. 1927.

Punta Arenas, Chile

TEMPERATURE RECORD.

#73 Water sample
Instrument used, water 9 1/2 °C
Feb. 2. Current number of observation,
Date Density 1024 = 14 °C
Locality, H.I. 7. 9. High tide
Bearings, 9 a.m.

#72 Feb. 1, 1927
Time of day, f tide.
State of sky, H.I. = 7.85 - 7.875
Temperature of air.
" surface of water, Density 1024 =
" at depth of fathoms, 17 1/2 °C

#72 water sample
Depth, in fathoms.
Nature of bottom, fisherman's land.
Direction of surface current, west of town (Punta)
Force of surface current, Arenas, Chile.
Direction of bottom current,
Force of bottom current,

Name of vessel,

To what service attached, Serolis = Piojo.

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

Feb. 3/21

#75 beach at
low tide flat. 3
almost wholly in
sand flats, low tide
6:30 -
7:30 p.m.
Boys etc.

#76 same fishermen
2 a.m. - 4 a.m.
on beach at 1 a.m.
Feb. 4 - 27

Heavis for net
used in antolla fish

#77 Sunday evening
atide flats with birds
(English boys. 6-7 p.m.)

TEMPERATURE RECORD.

#78 Picked up
Instrument used, from large "trawl"
Current number of observation.
Date, net (like other trawl
Location, without boards) lying
Bearings, on municipal pier, near
Time of day, concrete pier. Where
State of sky, water must ask Pagels
Temperature of air, maybe his
" surface of water,
" at depth of fathoms,
" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

#79* Cat Stanley
 Hermit - Feb. 22, 1927.



(dark - returned)
 Ascidian +
 worms on shell

Antennae cleared

hands in general

longer than
 claw

edges of fingers
 white, speckled

with crimson tubercles
 near base of fingers

#79* collected along
 sea wall, east of main
 pier. About 20 yds.
 of ground covered.

1 mal amphipods

" unsorted debris

1 lot 8g. Echinodermes + bones to mal

1 " " Bryozoa, barnacles + oyster
 shells = 2 baskets.

1 lot 8g. mollusks.

1 " TEMPERATURE RECORD

" ascidian with mal +
 mollusks containing 2 shells

Instrument used - frame of hermit crabs are
 from Bryozoa + other ascidians

Current number of observation - in lot.

1 Date - mal crabs

1 Locality - mal = 2 hermits minus shells.

Bearings,

Time of day, ; of tide.

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

8.00 a.m.

Nature of bottom,

Wed. Feb. 23. 1927. High tide

Direction of surface current,

Force of surface current, water temp 10.75C.

Direction of bottom current, H.I. 8.15

Force of bottom current,

Name of vessel, Density 10x26.5

To what service attached, 1025.5 fms

Name and rank of commanding officer, Temp. 11°C. 1-2/4

#80

Name and position of observer,

low dredge haul, low
 dredge over sand and
 broken shell bottom of
 short distance above bulk of
 Buland Ids Battle Monument.

REMARKS.

#81 Feb. 23, boat
dredge haul through
belf 3 fms.
clean haul, weeds
shells, + ascidians

short distance above,
west of hulls by Fallblair
Old Bottle Monument

#85 Bottom sample
4 fms. Choisei Sound
below par damers,
Fallblair. March 2, 1927
at about 12 midnight tide

#86 Tow net along pier
jetty at Port Howard lower
jetty at about 12 midnight.
March 3, 1927. few amphipods.

#87 Bottom sample
about 4 fms. Port Howard
Fallblair March 4, 1927

+ + + + +

Monday Feb. 28/1927

TEMPERATURE RECORD.

Water sample

Instrument used, #82
~~W. D. T. A.~~

Current, observation,

Date,

Locality,

Readings,

H.I. 8.2

Water Temp. of tide, 10° 3 C

State of sky,

Density, 1027

Temp. surface of water, 10° 5 C

at depth of fathoms,

#83 of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

#84 Side 1/2 high
March 1, 1927
west of Premier's Landing
at low tide flat 11-12 a.m.

#85 see above.

Water samples. Started for
March 5 8 a.m. Dec 4. 2d
REMARKS.
#1 Temp. 7.15 C
Density 1027.3 48°
H.I. 83.55 ^{more a few}
82 ^{more}

12 noon
#2 Temp. 7.05 C
Density 1027, 48°
I 8.15 about
point 12 noon Long. W.
Lat. N. 54° 57' 00" 59° 33' 00"
#3 4 p.m. March 5/27
Temp. 6.96
Density 1027. 48°
H.I. 8.2

#4 8.15 p.m. March 5
Temp. 6.6
#5 12, 10 mid night
March 5-6. (6.8)

#6 8 a.m. March 6/27

TEMPERATURE RECORD.
6.65 C.
Instrument used, H.I. 8.03.
Current number of observation,
Date, 12 noon March 6
Locality, 5.8C H.I. 7.95
Bearings,
Time of day, ; of tide,
State of sky, 4.30 March 6
Temperature of air, 4.2 C
surface of water, 8.0

" at depth of fathoms,
#9 8 p.m. March 6 27
of bottom, 2.65 C
Depth, in fathoms,
Nature of bottom, 5/12.15
#10 12 noon March 7/27
Direction of surface current, 2.1 C
Force of surface current,
Direction of bottom current, 4 p.m. March 7/27
Force of bottom current, 2.1 C

Name of vessel,
#12 8 a.m. March 7th
To what service attached,
Name and rank of commanding officer, H.I. 7.85
Temp. 2.1 C
Name and position of observer,

12 noon
#37 H.I. 7.9
1.92 C
Mar 2.8 C

REMARKS. (Mile)
 #14 } H.I. 7.85
 { 4.20 p.m. March 7/27

#15 8 p.m. March 7/27
 0.80

#16 12 midnight March 7/27
 0.8
 0.7 second + better dip

#88 Half day short
 dip with #12 set
 between 12.30 + 1.30 a.m.
 high sea + driving snow
 cold + blustering got
 Enpharida + wpetrobia.
 would think much of water
 would be in former apart.
 About missed a large piece
 that panned down off the
 bridge. I don't atch I was under
 the bridge + it panned down
 the slope with boots + oil
 I am found myself amply
 protected.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Thermometer # 30014 white
 N. 224 printer's glass

#17 March 8, 8 a.m.

Time of day, ; of tide,

State of sky, Temp. 0.50

Temperature of air, H.I. 7.95

surface of water, snow + ice on deck.

#18 " at depth of fathoms, of bottom

Depth, in fathoms, Temp 0.60

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

#19 March 10 12.45 noon = 0.90

#20 3/10/27 4 p.m. = 0.85

#21 " 8 p.m. = 1.25

#22 3/11/27 8.35 a.m. = 2.4

#23 " 11.5 a.m. = 2.52

#24 " 4.30 p.m. = 2.8

#25 " 8 p.m. = 3.1

#26 Mar. 12/27 8 a.m. = 4.05

#27 " 12 noon = 3.4

#28 " 4 p.m. = 6.7

#29 " 8.30 p.m. = 8.15

#30 " 12 mid night = 7.15

REMARKS.

Positions. 1927

12 noon.

Mar. 5, 1927.

Lat. $54^{\circ} 57'$ Long. $59^{\circ} 33'$ Mar. 6. Lat. $57^{\circ} 40'$ Long. $58^{\circ} 51'$ Mar. 7. Lat. $61^{\circ} 14'$ Long. $57^{\circ} 30'$

Mar. 8. 12 noon.

8 miles of Deception Id.

Mar. 10. 10 miles of
Greenwich Id.

Mar. 11.

Mar. 12.

Mar. 13.

Temp.

TEMPERATURE RECORD.

#31 - Mar. 13, 8 a.m.

7.5C

Instrument used,

Current number of observation,

#32 Mar. 13, 12 noon.

Date,

7.6C

Locality,

#33

"

4 p.m.

8.8C

Time of day, of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer.

Name and position of observer.

Whale bone dump 9

REMARKS.

Enter Mar. 8 1927

89 Mud off anchor:
further 60 fms.
Port Tinsler;
Exceptional Id.
abundance of kelp ^{within bay} and anchor
one float saved for
Bygon. Mar 10/27

90 March 13/1927

9 p.m. Towner
haul through "narrows"
into Stanley Hbr.
#12 net. Taken
while ship was going
at slow speed.

90 a Seine haul in
Lower Bay - N. C.
March 14 caught nothing

90 b
March 15 Trier Towner
haul for municipal
{ dock to water master }
dock, got nothing.

March 15/1927

91 went through
Instrument used, about 15-18

Current number of observation, muller

Date, heads & stomachs

Locality, got some parasitic

Bearings, coelozoites (& from stomachs)

Time of day, some macerated worms

State of sky, lots of tiny live lobes

Temperature of air, & debris.

92 March 16/27

surface of water,

at depth of fathoms,

of bottom,

collected in 1/2 fms.

Nature of bottom, from Co's pipe to 1/2 way

Direction of surface current, to slaughter house, about

Force of surface current, to nearly in front of

Direction of bottom current, constant

Force of bottom current,

* Tall Island Id. Co.

Name of vessel, Rock Island

To what service attached, but large

Name and rank of commanding officer, picked oysters, came

from weed bottom

Name and position of observer, under Captain's pier

March 17/1927
too windy to go out.

#93 March 17, 5 p.m.
The Capt. took me out
to coal dock made
two hauls with boat
dredge. h. 1-2 fms.
Got very little

95 March 20, 1927
Took half a dozen dips with
Hottel sampler, just beyond
narrower leigh to Port
William, mostly sandy
bottom in 3-4 fms.

Dr. 105.
 63

 Bottle Co.

 Dr. 105.
 63

 Jan 22/1927

Name of vessel, *Albatross*
 Date, *March 20, 1927*
 Time of day, *10:00*, of tide, *low*
 State of sky, *cloudy*
 Temperature of air, *50*, surface of water, *50*, of bottom, *rocky weedy*
 Nature of surface current, *drift*
 Force of surface current, *1/2 mile*
 Direction of surface current, *drift*
 Force of bottom current, *1/2 mile*
 Direction of bottom current, *drift*
 Name of vessel, *Albatross*
 To what service attached, *U.S. Fish Commission*
 Name and rank of commanding officer, *Comdr. J. H. ...*
 Name and position of observer, *...*

P. at bot.
Sh 63

Bottle Aegla

Mru. SDA 69

Jan 22, 1927

Need to copy
from Book
#3

~~from~~
And first
three pp.
Book 4.

March 18, Friday
REMARKS.
#94 Tried fished at
hills behind globe
litter but only got
2-3 very tiny F.W.
amphipods & hand with
white. wonder if very
strong high westerly
wind made any difference.

#93 March 17, 5 p.m.
The capt. took me out
to coal dock made
two hauls with boat
dredge. in 1-2 fms.
Got very little

94/10^{am} Saturday.
#95 March 20, 1927
Took half a dozen dips with
Oster sampler, just beyond
napoleon leaning to Port
William, mostly sandy
bottom. in 3-4 fms.

March 20, 1927.
#96 a similar number
of faunal with Turner
while going out to
dredge, got a number
of mollus medusae, a
small fish & lots of
green stuff may have
dredged in it. #12 lar
net.

Time of day, of tide.
#97 March 20, 1927.
State of sky, rocky weedy bottom.
Temperature of air.
Surface of water.
Depth of water.
Nature of bottom.
Direction of surface current.
Force of surface current.
Direction of bottom current.
Force of bottom current.
Name of vessel.
To what service attached.
Name and rank of commanding officer.
Name and position of observer.

The dredge was down in 8
to ten fathoms, the limit
of the rope we had brought
with us. I had hoped
to get a Centolla or
other large Eurytomidae
but the dredge got
hung in 60 fms, five miles
out. I suppose I'll not
get one or two, at least.

474 REMARKS. March 20, 1927

The shifter of the Alh.
mastering the Penguin
hunger for fish. For
help note that live not
seen yet. (one of the)
Belphor's full up with the

97. b. C. W. A. Webb
collected a few specimens
along shore in York Bay
just around corner
of narrow going out
eastward as Port William
from Port Stanley.

98. By Falkland Id. Battle
Monument
from kelp roots on beach.
March 27, 1927

99. Jack Harris coll.
Kidney Id.
March 26/1927
Monida larval surface
shell, sipunculids or
echinoderms from
kelp roots.

(2 fms. deep)

100 TEMPERATURE RECORD.
Anchored
Harbor master's
March 26/1927

Instrument used,

Current number of observation.

Date.

Locality.

Bearings.

101a Ponglas Sta
March 31, 1927
Time of day, Sheeh of tide
State of sky, Greenish blue

101. B Amphitryon beach
near Sheeh ditto
also stuff April 2/27
102. kids at depth of fathoms.
Apr. 3d also at bottom April 24
April 2nd by near 1024. 1st inlet west of house
by auto beach collections

* April 3, 1927 in trout stream in
west of house.
April 4, 1927 in stream in hills, ship
hunting S. E. of house

#1 104 April 4th 1927
Force of bottom current, fresh water
Name of vessel, Amphitryon & Leech
To what service attached,
Name and rank of commanding officer,

* see above April 3, 1927
103 Trout & shrimps
near inlet contents
April 4th 1927

104a muller's chocolate 1927

April 9 - 1927.

REMARKS.

105 Airt with
barbican master tug
14-15 fms off light
house N. side Port
William. oyster dredge
shells in first
+ crabs in
fine red seaweed in second
+ crabs
blank in third until
2 Peltaria only

106^c Fish caught off
jetty boy called it
Mouth almighty
or mouth a' mighty.
April 11, 1927.

106 a. Fish off Malvernia
house under rocks
Roy Felton. April 10/1927
"Conger eel"

106 b. ditto by Richard
Heane same place
"Dogfish" April 11, 1927

Instrument used,

106 c. Rock cod
Date.
Locality. off Municipal jetty
Bearings. April 12, 1927
Edward Bellman

106 d. Yellow belly
State of sky.
Temperature of air.
" surface of water.
" at depth of fathoms.
" of bottom.
off Municipal jetty
April 13, 1927

107. Clam rake
Nature of bottom.
Direction of surface current.
Force of surface current.
Direction of bottom current.
Force of bottom current.
Name of vessel.
To what service attached.
Name and rank of commanding officer.
From 1 fms deep and
Name and position of observer.
up to surface
Water sample Temp 7.3°C
Density 1027 Temp 44°F
H.I. 8.13

REMARKS.

108 Seal onlet
April 11, 1927
Beach collection
by school children

107 One lot of amphipods
living in sponge

109 Beach collect
near municipal
jetty. April 16/1927
coll. by boys.

109 near wireless
station at head of
Port Stanley, west
end. April 15/1927
Beach & reefs
collected

Edward Hellman
Richard Deane
John Kendall
TEMPERATURE RECORD.

Instrument used,

Current number of observation

Date,

By Ruben McLaren

Locality,

Bearings,

April 17 1927 (#112)

Time of day, of tide.

State of sky,

Temperature of air,

surface of water,

H. T. 8.0 fathoms,
of bottom.

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

H. D.

Port Stanley, vicinity

near Bonner's horse shed

Amphipods & other small crustaceans

collected

REMARKS.

113. April 18

Miller creek, beach
+ 20 ft. lobster seine
collection

115

Friday 22 April 1927

Density
1.0275Temp.
43

Port William
6-7 dredge hauls
cryst. dredge

116

Tow net haul
same day + place

* between Pembroke
light house &
Jussuck Id.
in 10-12-15 fms
more at base

114 (near Penguin
Island)

Shanar Cove
mushroom on land and

TEMPERATURE RECORD.

the stuff April 28/1927

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

from Winders Pier
through narrows.

117 York Point
Port William

1-2.30 p.m.

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

from Winders Pier
through narrows.

White Letter G.

REMARKS.

119 Trawl given
me by Charles
Hamann / April, 1927

San. Menendez - B. Chety
Casilla J. Punta Llanas
from Estancia ~~Saguna de Oro~~
near Pueblo ~~Sancti del Santa~~ Cruz.
Rio Gallegos.

120. Bottom sample
(pebbles only) Rio Gallegos
~~for~~ 5 fms.

Rio Gallegos
Also low net haul
surface #12 net.
12 p.m. 15 mins.
May 4th 1927

121 Bottom sample
8 fms.
Santa Cruz, Argentina

Also low net. 40 mins
surf. #12 net.
TEMPERATURE RECORD.
Santa Cruz - 12 - 12.40 p.m.

Instrument used, Santa Cruz
Current number of observation, 122
Date, Apr
Locality, from under rocks on
beach, and some
Bearings, - Gravel beach -
Time of day, of tide, hydroids & alge on
State of sky, mooring rope.
Temperature of air,

May 5, 11.15 a.m.
Santa Cruz at depth of 2 fathoms.
1927.

Depth in fathoms, 2
Nature of bottom, Gul bottom, clear
cold brown mud.

Direction of surface current, beautiful sunset
Force of surface current, Tow net in 120 + 121
Direction of bottom current, hung out against rising
tide.

Force of bottom current, 10-11 a.m.
123 Name of vessel, Beach Collecting
To what service attached, San Julian, Argentina
Name and rank of commanding officer, also surface tow net
haul 15 mins. 1.0 - 1.15 p.m.
Name and position of observer, May 6, 1927

May 4, Rayle are night
watch for change of tide.
Sept at 12.30 p.m.

very muddy water
REMARKS.

124. Rescadero

May 7, 1927

Tide

Crabs under rocks for
first time
An estuary which seems
to have very good collecting
ground. Beach shingle.

much in animal life but submerged to find water

125 Comodoro

bottom sample Rivadavia
at anchorage

May 8 1927 Sunday

at beginning of ~~falling~~ tide. Got most material
from one piece of old
bell rope found on beach.
A few isopods & fossils
from rocks along edge
of breakwater and
one amphipod under

a rock on opposite
side of landing pier

TEMPERATURE RECORD.

from breakwater, about
1/2 mile from pier.

Instrument used

Current number of observation

Date

Locality

Bearings.

126 May 9, 1927

Time of day; of tide.

State of sky

Temperature of air

" surface of water

" at depth of fathoms

" of bottom

Depth, in fathoms.

Nature of bottom

Direction of surface current

Force of surface current

Direction of bottom current

Force of bottom current

Name of vessel

To what service attached

Name and rank of commanding officer

Name and position of observer

Puerto Madryn.
mostly a sandy
flats with pink
gravel patches.
Walked a couple of miles
up northward of pier
without finding rock
patches. Got some amphi-
pods. Found old dried
bell rope rolling in wave
on beach. Got a few
isopods
from grass roots. Sanders
got a couple of amphipods
from gravel near
landing pier

REMARKS.

127 with T. Clippin

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day,

; of tide,

State of sky,

Temperature of air,

"

surface of water,

"

at depth of

fathoms,

"

of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

Collected at
Camazur +
Tried get pictures
of leaf cutting
ants

May 18, 1927.

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

“ surface of water,

“ at depth of fathoms,

“ of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current.

Name of vessel,

To what service attached,

Name and rank of commanding officer.

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

“ surface of water,

“ at depth of fathoms,

“ of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

Water/samples
No. 63, 1-6-27 Torpederos
34.04 ‰ Valp.

#65 1-7-27
Castillo, Valpo.
34.00

#67 1-16-27
Lota, Chile.
32.21 ‰

#72 2-1-27
Punta Arenas.
31.15 ‰

#73 2-2-27
Punta Arenas.
31.00 ‰



